

ABSTRACT

A direct current to direct current converter includes first and second switches to output voltages on first and second output terminals in response to appropriate turn-on voltages at first and second control terminals. The first control terminal may selectively communicate with one of $N > 2$ different voltages. The converter may include a first multi-level controller in communication with the first control terminal, the controller including N drivers to selectively apply the $N > 2$ different voltages to the first control terminal.